

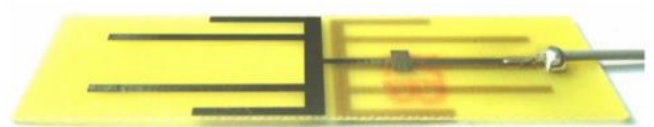


## WiFi ANTENNA

Antenna WiFi Internal W414,  
2.4/5.8 GHz, 3 dBi, IPEX MHF1 (f) R/A,  
1.13 Coaxial Cable/300mm

AW-A2458G-W414I-30

SECTRON company offers a wide portfolio of WiFi antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.



### BENEFITS

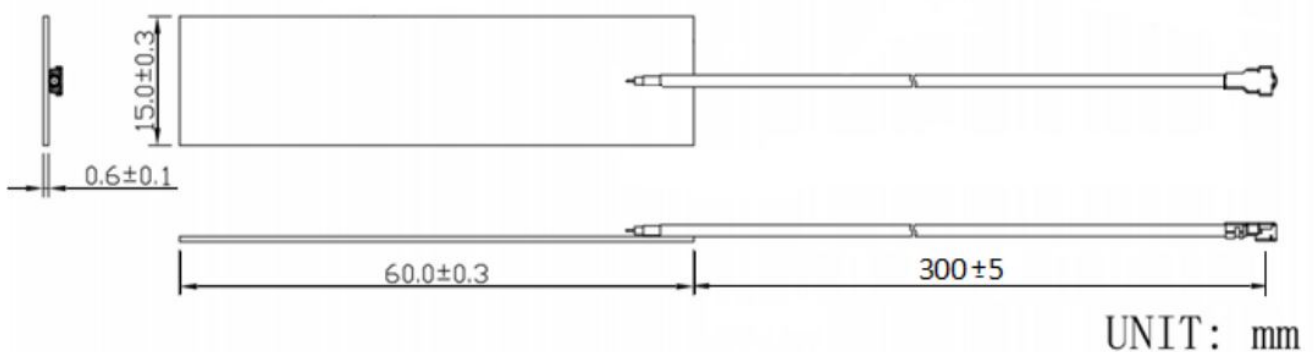
- Low VSWR
- Easy installation
- Omnidirectional radiation pattern

## FEATURES

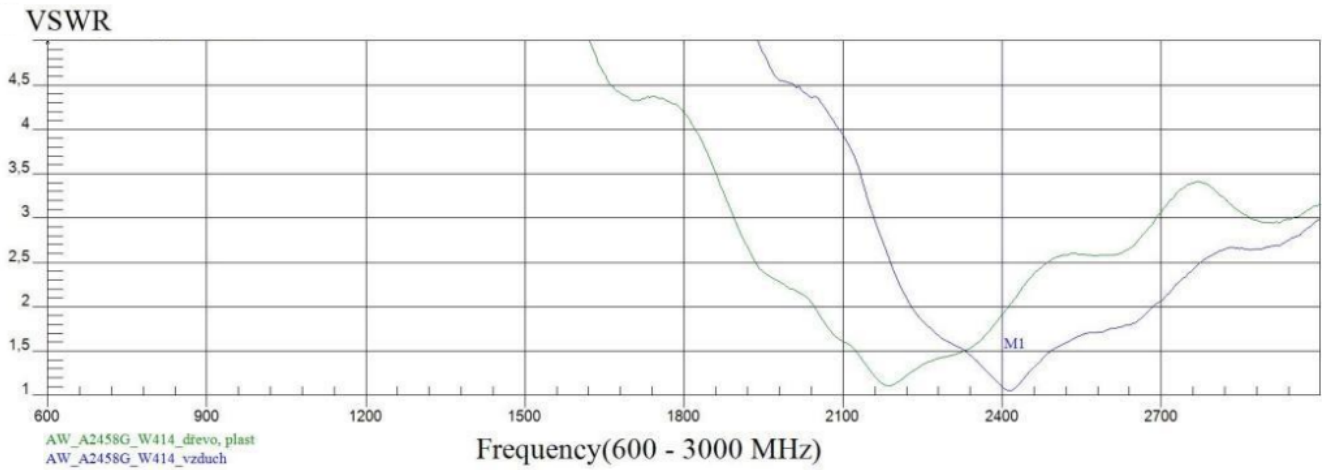
AW-A2458G-W414I-30

Technology	WiFi
Frequency bands	2400/5000 MHz
Bandwidth	-
Gain	3 dBi
VSWR	<1.2:1/<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	60.0 x 15.0 x 0.6 mm
Weight	1.84 g
Operating temperature	-30 to +80 °C
Execution	Internal
Method of attachment	Patch
Cable type	RF 1.13
The cable length	0.3 m
Connector type	IPEX MHF1 (f) R/A
Certification	RoHS, ISO9001, ISO14001

## DRAWING

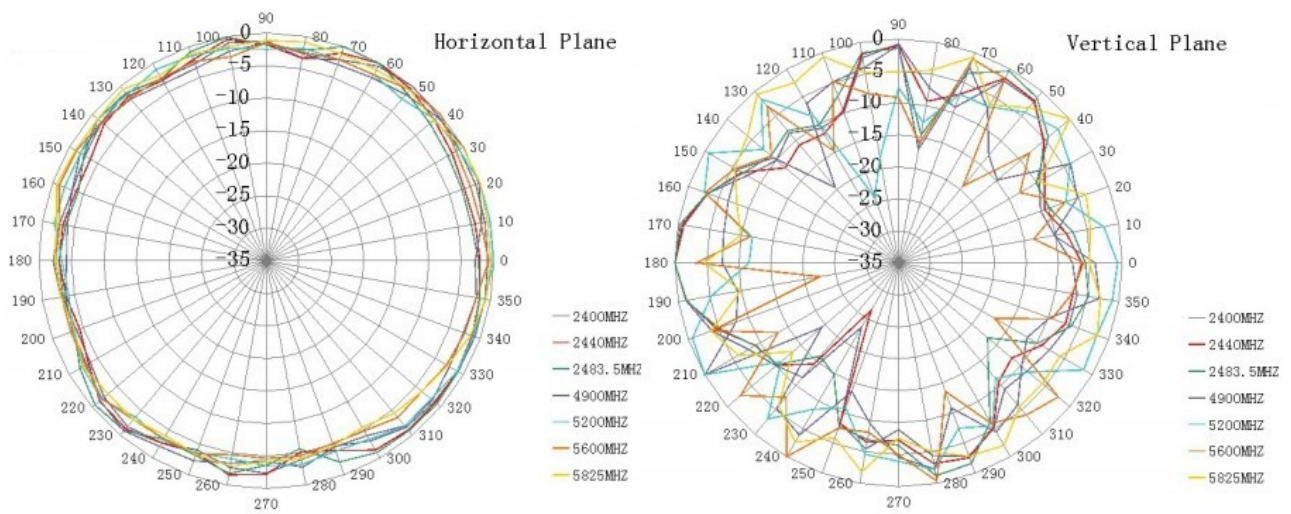


VSWR - Voltage standing wave ratio [-]



SIMULATED GRAPHS

RADIATION PATTERN



## SUMMARY

AW-A2458G-W414I-30

Frequency [MHz]	$S_{11}$ [dB]	VSWR [-]
2400	-20.82	1.2
5000	-9.54	2.0

## VARIANTS

Different connector variants or cable lengths are available on request.

## CONTACTS

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